

# Improve efficiency – speed up your process Tire curing presses

The HC3 & HC4 hydraulic pressure intensifiers from miniBOOSTER improve press efficiency by reducing pressure build-up time and energy consumption, used on locking cylinders.

The high pressure build-up time can be increased by 2 to 3 times by using the HC4 hydraulic miniBOOSTER.

In comparison with air driven pumps and high-pressure pumps, energy savings of more than 50% are achieved.

Powered by your existing high flow, low pressure pump it rapidly boosts low system pressure (e.g. 120 bar) up to preset value (e.g. 270 bar)

Stops at preset end pressure – using no energy and is constantly ready to kick in, if additional oil should be required to maintain the preset high-pressure level.

The HC4 can be supplied with a ½" tube and NG6 or NG10 block solutions allowing fast mounting.

The high-pressure level can easily and flexibly be set by a PLC taking input from a pressure transmitter and activating a directional valve.

